STN Search History

FILE 'HOME' ENTERED AT 12:25:55 ON 20 SEP 2003

L1 3221 (RSV OR RESPIRATORY ADJ SYNCYTIAL RO PARAMYXOVIR#####) (S) (CHIM ER## OR HETEROLOGOUS OR VARIANT OR RECOMBINANT OR SUBSTITUTION OR ADDITION OR INSERTION)

2 1560 L1 AND (GENOME OR ANTIGENOME OR GENE OR POLYNUCLEOTIDE OR DNA OR RNA) (P) (CHIMER## OR HETEROLOGOUS OR RECOMBINANT OR SUBSTITU TION OR ADDITION OR INSERTION)

(FILE 'HOME' ENTERED AT 12:25:55 ON 20 SEP 2003)

FILE 'MEDLINE, CAPLUS, BIOSIS, EMBASE, SCISEARCH' ENTERED AT 12:30:54 ON 20 SEP 2003

L1 3221 S (RSV OR RESPIRATORY ADJ SYNCYTIAL RO PARAMYXOVIR#####) (S) (C
L2 1560 S L1 AND (GENOME OR ANTIGENOME OR GENE OR POLYNUCLEOTIDE OR DNA
L3 570 S L2 NOT PY>1994
L4 68 S L3 AND (VACCINE OR IMMUNO########)
L5 40 DUP REM L4 (28 DUPLICATES REMOVED)
L6 91 S L3 AND (RESPIRATORY (A) SYNCYTIAL OR PARAMYXO#######)
L7 58 S L6 NOT L4
L8 26 DUP REM L7 (32 DUPLICATES REMOVED)

F 40 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V. on STN DUPLICATE 3
TI Prospects for a respiratory syncytial virus **vaccine**.
AU Klein M.H.; Ewasyshyn M.E.
SO Medecine et Maladies Infectieuses, (1993) 23/SEPC. ISS. NOV. (856-860).
ISSN: 0399-077X CODEN: MMAIB5

L5 ANSWER 7 OF 40 CAPLUS COPYRIGHT 2003 ACS on STN
TI Expression of the G glycoprotein gene of human respiratory syncytial virus in Salmonella typhimurium
AU Martin-Gallardo, Antonia; Fleischer, Edward; Doyle, Shawn A.; Arumugham, Rasappa; Collins, Peter L.; Hildreth, Stephen W.; Paradiso, Peter R.
SO Journal of General Virology (1993), 74(3), 453-8
CODEN: JGVIAY; ISSN: 0022-1317

L5 ANSWER 8 OF 40 MEDLINE on STN DUPLICATE 4
TI Antigenic diversity of respiratory syncytial viruses and its implication for immunoprophylaxis in ruminants.
AU Duncan R B Jr; Potgieter L N
SO VETERINARY MICROBIOLOGY, (1993 Nov) 37 (3-4) 319-41. Ref: 148
Journal code: 7705469. ISSN: 0378-1135.

L5 ANSWER 10 OF 40 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN DUPLICATE 5
TI BOVINE RESPIRATORY SYNCYTIAL VIRUS FUSION PROTEIN GENE SEQUENCE ANALYSIS OF CDNA AND EXPRESSION USING A BACULOVIRUS VECTOR.
AU HIMES S R; GERSHWIN L J
SO J GEN VIROL, (1992) 73 (6), 1563-1567.
CODEN: JGVIAY. ISSN: 0022-1317.

L5 ANSWER 12 OF 40 MEDLINE on STN DUPLICATE 6
TI **Immunogenicity** of recombinant adenovirus-respiratory syncytial virus **vaccines** with adenovirus types 4, 5, and 7 vectors in dogs and a chimpanzee.
AU Hsu K H; Lubeck M D; Davis A R; Bhat R A; Selling B H; Bhat B M; Mizutani S; Murphy B R; Collins P L; Chanock R M; +
SO JOURNAL OF INFECTIOUS DISEASES, (1992 Oct) 166 (4) 769-75.
Journal code: 0413675. ISSN: 0022-1899.

L5 ANSWER 20 OF 40 CAPLUS COPYRIGHT 2003 ACS on STN
TI The 1A protein of respiratory syncytial virus is an integral membrane protein present as multiple, structurally distinct species
AU Olmsted, Robert A.; Collins, Peter L.
SO Journal of Virology (1989), 63(5), 2019-29
CODEN: JOVIAM; ISSN: 0022-538X

L5 ANSWER 21 OF 40 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN DUPLICATE 10
TI DETECTION OF RESPIRATORY SYNCYTIAL VIRUS IN NASOPHARYNGEAL SECRETIONS BY DNA-RNA HYBRIDIZATION.
AU VAN DYKE R B; MURPHY-CORB M
SO J CLIN MICROBIOL, (1989) 27 (8), 1739-1743.
CODEN: JCMIDW. ISSN: 0095-1137.

L5 ANSWER 22 OF 40 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN
TI ALKALINE PHOSPHATASE FUSIONS TO THE RESPIRATORY SYNCYTIAL VIRUS F PROTEIN AS AN APPROACH TO ANALYZE ITS MEMBRANE TOPOLOGY.

AU MARTIN-GALLARDO A; DEICH R A; FIEN K A; METCALF B J; ANILIONIS A; PARADISO P R
SO DNA (N Y), (1989) 8 (9), 659-668.
CODEN: DNAADR. ISSN: 0198-0238.

L5 ANSWER 25 OF 40 MEDLINE on STN
TI Recognition of respiratory syncytial virus fusion protein by mouse cytotoxic T cell clones and a human cytotoxic T cell line.
AU Cannon M J; Bangham C R
SO JOURNAL OF GENERAL VIROLOGY, (1989 Jan) 70 (Pt 1) 79-87.
Journal code: 0077340. ISSN: 0022-1317.

L5 ANSWER 26 OF 40 MEDLINE on STN DUPLICATE 11
TI Evaluation in non-human primates of the safety, **immunogenicity** and efficacy of recombinant vaccinia viruses expressing the F or G glycoprotein of respiratory syncytial virus.
AU Olmsted R A; Buller R M; Collins P L; London W T; Beeler J A; Prince G A; Chanock R M; Murphy B R
SO VACCINE, (1988 Dec) 6 (6) 519-24.
Journal code: 8406899. ISSN: 0264-410X.

L5 ANSWER 31 OF 40 MEDLINE on STN DUPLICATE 14
TI Expression of the F glycoprotein of respiratory syncytial virus by a recombinant vaccinia virus: comparison of the individual contributions of the F and G glycoproteins to host immunity.
AU Olmsted R A; Elango N; Prince G A; Murphy B R; Johnson P R; Moss B; Chanock R M; Collins P L
SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, (1986 Oct) 83 (19) 7462-6.
Journal code: 7505876. ISSN: 0027-8424.

L5 ANSWER 32 OF 40 MEDLINE on STN
TI Human and murine cytotoxic T cells specific to respiratory syncytial virus recognize the viral nucleoprotein (N), but not the major glycoprotein (G), expressed by vaccinia virus recombinants.
AU Bangham C R; Openshaw P J; Ball L A; King A M; Wertz G W; Askonas B A
SO JOURNAL OF IMMUNOLOGY, (1986 Dec 15) 137 (12) 3973-7.
Journal code: 2985117R. ISSN: 0022-1767.

L5 ANSWER 33 OF 40 MEDLINE on STN DUPLICATE 15
TI Resistance to human respiratory syncytial virus (**RSV**) infection induced by immunization of cotton rats with a **recombinant** vaccinia virus expressing the **RSV** G glycoprotein.
AU Elango N; Prince G A; Murphy B R; Venkatesan S; Chanock R M; Moss B
SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, (1986 Mar) 83 (6) 1906-10.
Journal code: 7505876. ISSN: 0027-8424.

L5 ANSWER 35 OF 40 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V. on STN
TI Respiratory syncytial virus. Brief review.
AU Stott E.J.; Taylor G.
SO Archives of Virology, (1985) 84/1-2 (1-52).
CODEN: ARVIDF

L8 ANSWER 1 OF 26 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 1
TI Development of nested PCR assays for detection of bovine **respiratory syncytial** virus in clinical samples.
AU Vilcek, S.; Elvander, M. (1); Ballagi-Pordany, A.; Belak, S.
SO Journal of Clinical Microbiology, (1994) Vol. 32, No. 9, pp. 2225-2231.
ISSN: 0095-1137.

L8 ANSWER 2 OF 26 MEDLINE on STN DUPLICATE 2
TI Analysis of **respiratory syncytial** virus F, G, and SH proteins in cell fusion.
AU Heminway B R; Yu Y; Tanaka Y; Perrine K G; Gustafson E; Bernstein J M; Galinski M S
SO VIROLOGY, (1994 May 1) 200 (2) 801-5.
Journal code: 0110674. ISSN: 0042-6822.

L8 ANSWER 3 OF 26 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 3
TI Requirement of casein kinase II-mediated phosphorylation for the transcriptional activity of human **respiratory syncytial** viral phosphoprotein P: Transdominant negative phenotype of phosphorylation-defective P mutants.
AU Mazumder, Barsanjit; Barik, Sailen (1)
SO Virology, (1994) Vol. 205, No. 1, pp. 104-111.
ISSN: 0042-6822.

L8 ANSWER 4 OF 26 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V. on STN
TI Mutation of an RSV intronic element abolishes both U11/U12 snRNP binding and negative regulation of splicing.
AU Gontarek R.R.; McNally M.T.; Beemon K.
SO Genes and Development, (1993) 7/10 (1926-1936).
ISSN: 0890-9369 CODEN: GEDEEP

L8 ANSWER 5 OF 26 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 4
TI Bovine **respiratory syncytial** virus nucleocapsid protein expressed in insect cells specifically interacts with the phosphoprotein and the M2 protein.
AU Samal, Siba K. (1); Pastey, Manoj K.; McPhillips, Thomas H.; Mohanty, Sashi B.
SO Virology, (1993) Vol. 193, No. 1, pp. 470-473.
ISSN: 0042-6822.

L8 ANSWER 6 OF 26 SCISEARCH COPYRIGHT 2003 THOMSON ISI on STN
TI ANTIGENIC DIVERSITY OF **RESPIRATORY SYNCYTIAL** VIRUSES AND ITS IMPLICATION FOR IMMUNOPROPHYLAXIS IN RUMINANTS
AU DUNCAN R B (Reprint); POTGIETER L N D
SO VETERINARY MICROBIOLOGY, (NOV 1993) Vol. 37, No. 3-4, pp. 319-341.
ISSN: 0378-1135.

L8 ANSWER 7 OF 26 CAPLUS COPYRIGHT 2003 ACS on STN
TI Rescue of synthetic helper-dependent analogs of the genomic RNAs of **respiratory syncytial** virus and parainfluenza virus type 3
AU Collins, Peter L.; Stec, David S.; Kuo, Lili; Hill, Myron G., III; Camargo, Ena; Dimock, Kenneth; Grosfeld, Haim; Mink, Michael A.
SO Vaccines 93, [Annu. Meet.], 10th (1993), Meeting Date 1992, 259-64.
Editor(s): Ginsberg, Harold S. Publisher: Cold Spring Harbor Lab., Cold Spring Harbor, N. Y.
CODEN: 59HUAJ

L8 ANSWER 8 OF 26 MEDLINE on STN DUPLICATE 5
TI Rescue of a 7502-nucleotide (49.3% of full-length) synthetic analog of **respiratory syncytial** virus genomic RNA.
AU Collins P L; Mink M A; Hill M G 3rd; Camargo E; Grosfeld H; Stec D S
SO VIROLOGY, (1993 Jul) 195 (1) 252-6.
Journal code: 0110674. ISSN: 0042-6822.

L8 ANSWER 9 OF 26 MEDLINE on STN DUPLICATE 6
TI Transcription of human **respiratory syncytial** virus genome RNA in vitro: requirement of cellular factor(s).
AU Barik S
SO JOURNAL OF VIROLOGY, (1992 Nov) 66 (11) 6813-8.
Journal code: 0113724. ISSN: 0022-538X.

L8 ANSWER 10 OF 26 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN DUPLICATE 7
TI SYNTHESIS AND ANTIVIRAL EVALUATION OF N CARBOXAMIDINE-SUBSTITUTED ANALOGUES OF 1-BETA-D RIBOFURANOSYL-1 2 4-TRIAZOLE-3-CARBOXAMIDINE HYDROCHLORIDE.
AU GABRIELSEN B; PHELAN M J; BARTHEL-ROSA L; SEE C; HUGGINS J W; KEFAUVER D F; MONATH T P; USSERY M A; CHMURNY G N; ET AL
SO J MED CHEM, (1992) 35 (17), 3231-3238.
CODEN: JMCMAR. ISSN: 0022-2623.

L8 ANSWER 11 OF 26 MEDLINE on STN DUPLICATE 8
TI Bovine **respiratory syncytial** virus fusion protein gene: sequence analysis of cDNA and expression using a baculovirus vector.
AU Himes S R; Gershwin L J
SO JOURNAL OF GENERAL VIROLOGY, (1992 Jun) 73 (Pt 6) 1563-7.
Journal code: 0077340. ISSN: 0022-1317.

L8 ANSWER 12 OF 26 CAPLUS COPYRIGHT 2003 ACS on STN
TI Expression of both glycoprotein F and G of **respiratory syncytial** virus (**RSV**) in a single **recombinant** vaccinia virus
AU Ruan, Li; Zheng, Haoqiang; Xu, Shuichan; Wang, Shuangping; Tsao, Xu; Xie, Yanxiang; Zhu, Jiming
SO Bingdu Xuebao (1992), 8(2), 101-9
CODEN: BIXUEA; ISSN: 1000-8721

L8 ANSWER 13 OF 26 MEDLINE on STN DUPLICATE 9
TI Sequence analysis of the polymerase L gene of human **respiratory syncytial** virus and predicted phylogeny of nonsegmented negative-strand viruses.
AU Stec D S; Hill M G 3rd; Collins P L
SO VIROLOGY, (1991 Jul) 183 (1) 273-87.
Journal code: 0110674. ISSN: 0042-6822.

L8 ANSWER 14 OF 26 MEDLINE on STN DUPLICATE 10
TI Comparison of the virulence of wild-type thymidine kinase (tk)-deficient and tk+ phenotypes of vaccinia virus recombinants after intranasal inoculation of mice.
AU Taylor G; Stott E J; Wertz G; Ball A
SO JOURNAL OF GENERAL VIROLOGY, (1991 Jan) 72 (Pt 1) 125-30.
Journal code: 0077340. ISSN: 0022-1317.

L8 ANSWER 15 OF 26 SCISEARCH COPYRIGHT 2003 THOMSON ISI on STN
TI COMPARISON OF THE VIRULENCE OF WILD-TYPE THYMIDINE KINASE (TK)-DEFICIENT AND TK+ PHENOTYPES OF VACCINIA VIRUS RECOMBINANTS AFTER INTRANASAL INOCULATION OF MICE

AU TAYLOR G (Reprint); STOTT E J; WERTZ G; BALL A
SO JOURNAL OF GENERAL VIROLOGY, (1991) Vol. 72, No. JAN, pp. 125-130.

L8 ANSWER 16 OF 26 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 11
TI THE TWO OPEN READING FRAMES OF THE 22K MESSENGER RNA OF HUMAN **RESPIRATORY SYNCYTIAL** VIRUS SEQUENCE COMPARISON OF ANTIGENIC SUBGROUPS A AND B AND EXPRESSION IN-VITRO.
AU COLLINS P L; GILL M G; JOHNSON P R
SO J GEN VIROL, (1990) 71 (12), 3015-3020.
CODEN: JGVIAY. ISSN: 0022-1317.

L8 ANSWER 17 OF 26 SCISEARCH COPYRIGHT 2003 THOMSON ISI on STN
TI THE 2 OPEN READING FRAMES OF THE 22K MESSENGER-RNA OF HUMAN **RESPIRATORY SYNCYTIAL** VIRUS - SEQUENCE COMPARISON OF ANTIGENIC SUBGROUP-A AND SUBGROUP-B AND EXPRESSION INVITRO
AU COLLINS P L (Reprint); HILL M G; JOHNSON P R
SO JOURNAL OF GENERAL VIROLOGY, (1990) Vol. 71, No. DEC, pp. 3015-3020.

L8 ANSWER 18 OF 26 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN
TI PRIMARY PULMONARY MURINE CYTOTOXIC T LYMPHOCYTE SPECIFICITY IN **RESPIRATORY SYNCYTIAL** VIRUS PNEUMONIA.
AU GUPTA R; YEWDELL J W; OLMSTED R A; COLLINS P L; BENNINK J R
SO MICROB PATHOG, (1990) 9 (1), 13-18.
CODEN: MIPAEV. ISSN: 0882-4010.

L8 ANSWER 19 OF 26 CAPLUS COPYRIGHT 2003 ACS on STN
TI Characterization of a novel human **respiratory syncytial** virus chimeric FG glycoprotein expressed using a baculovirus vector
AU Wathen, M. W.; Brideau, R. J.; Thomsen, D. R.; Murphy, B. R.
SO Journal of General Virology (1989), 70(10), 2625-35
CODEN: JGVIAY; ISSN: 0022-1317

L8 ANSWER 20 OF 26 MEDLINE on STN DUPLICATE 12
TI The 1A protein of **respiratory syncytial** virus is an integral membrane protein present as multiple, structurally distinct species.
AU Olmsted R A; Collins P L
SO JOURNAL OF VIROLOGY, (1989 May) 63 (5) 2019-29.
Journal code: 0113724. ISSN: 0022-538X.

L8 ANSWER 21 OF 26 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V. on STN
TI Alkaline phosphatase fusions to the **respiratory syncytial** virus F protein as an approach to analyze its membrane topology.
AU Martin-Gallardo A.; Deich R.A.; Fien K.A.; Metcalf B.J.; Anilionis A.; Paradiso P.R.
SO DNA, (1989) 8/9 (659-667).
ISSN: 0198-0238 CODEN: DNAADR

L8 ANSWER 22 OF 26 CAPLUS COPYRIGHT 2003 ACS on STN DUPLICATE 13
TI Recognition of **respiratory syncytial** virus fusion protein by mouse cytotoxic T cell clones and a human cytotoxic T cell line
AU Cannon, M. J.; Bangham, C. R. M.
SO Journal of General Virology (1989), 70(1), 79-87
CODEN: JGVIAY; ISSN: 0022-1317

L8 ANSWER 23 OF 26 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 14
TI EXPRESSION OF THE F GLYCOPROTEIN OF **RESPIRATORY SYNCYTIAL** VIRUS BY A RECOMBINANT VACCINIA VIRUS COMPARISON OF THE

INDIVIDUAL CONTRIBUTIONS OF THE F AND G GLYCOPROTEINS TO HOST IMMUNITY.
AU OLMSTED R A; ELANGO N; PRINCE G A; MURPHY B R; JOHNSON P R; MOSS B; CHANOCK R M; COLLINS P L
SO PROC NATL ACAD SCI U S A, (1986) 83 (19), 7462-7466.
CODEN: PNASA6. ISSN: 0027-8424.

L8 ANSWER 24 OF 26 CAPLUS COPYRIGHT 2003 ACS on STN DUPLICATE 15
TI Human and murine cytotoxic T cells specific to **respiratory syncytial** virus recognize the viral nucleoprotein (N), but not the major glycoprotein (G), expressed by vaccinia virus recombinants
AU Bangham, Charles R. M.; Openshaw, Peter J. M.; Ball, L. Andrew; King, Andrew M. Q.; Wertz, Gail W.; Askonas, Brigitte A.
SO Journal of Immunology (1986), 137(12), 3973-7
CODEN: JOIMA3; ISSN: 0022-1767

L8 ANSWER 25 OF 26 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN
TI RESISTANCE TO HUMAN **RESPIRATORY SYNCYTIAL** VIRUS INFECTION INDUCED BY IMMUNIZATION OF COTTON RATS WITH A RECOMBINANT VACCINIA VIRUS EXPRESSING THE **RESPIRATORY SYNCYTIAL** VIRUS G GLYCOPROTEIN.
AU ELANGO N; PRINCE G A; MURPHY B R; VENKATESAN S; CHANOCK R M; MOSS B
SO PROC NATL ACAD SCI U S A, (1986) 83 (6), 1906-1910.
CODEN: PNASA6. ISSN: 0027-8424.

L8 ANSWER 26 OF 26 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V. on STN
TI Antiviral effect of flavonoids on human viruses.
AU Kaul T.N.; Middleton Jr. E.; Ogra P.L.
SO Journal of Medical Virology, (1985) 15/1 (71-79).
CODEN: JMVIDB

L8 ANSWER 7 OF 26 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1994:24950 CAPLUS
DN 120:24950
TI Rescue of synthetic helper-dependent analogs of the genomic RNAs of **respiratory syncytial** virus and parainfluenza virus type 3
AU Collins, Peter L.; Stec, David S.; Kuo, Lili; Hill, Myron G., III; Camargo, Ena; Dimock, Kenneth; Grosfeld, Haim; Mink, Michael A.
CS Lab. Infect. Dis., Natl. Inst. Health, Bethesda, MD, 20892, USA
SO Vaccines 93, [Annu. Meet.], 10th (1993), Meeting Date 1992, 259-64. Editor(s): Ginsberg, Harold S. Publisher: Cold Spring Harbor Lab., Cold Spring Harbor, N. Y.
CODEN: 59HUAJ
DT Conference
LA English
AB The **chimeric paramyxovirus**-CAT vRNA analogs represent a new exptl. approach that should allow for the first time a complete dissection of the cis-acting sequences in the vRNA of a neg.-strand virus. Recently, a closely similar system was described for the **paramyxovirus** Sendai virus. It seems likely that the system described here can be expanded such that cDNA-encoded complete synthetic vRNAs can be rescued for the prodn. of complete infectious virus. The rescue of the half-size RSV-CAT-L vRNA was an important demonstration that synthetic vRNAs probably can be encapsidated, even in presynthesized form, and introduced into the viral replicative cycle. The **RSV** and PIV3 vRNAs appeared to readily accept the **insertion** of foreign sequences (the CAT **gene**) while retaining the ability to transcribe, replicate, and incorporate into virions. The mRNA-encoding **gene** segments are flanked by highly conserved, circumscribed transcription signals, but otherwise, at least for RSV, they do not appear to have any particular structural requirements and are highly amenable to engineering. Both RSV and PIV3 direct abundant mRNA and protein synthesis.